

# Work Order ID 79221

**\*79221\***

Page 1

Tuesday, January 24, 2012 8:51:15 AM

Item ID: D2529

Accept

**\*N900040100\***

Setup Start **\*NS1\***

Revision ID:

Item Name: Washer

Stop **\*NS2\***

Start Date: 1/24/2012 Start Qty: ~~100.00~~ **500**

**\*100\***

Cust Item ID:

Required Date: 1/25/2012 Req'd Qty: 100.00

**\*100\***

Customer:

Reference:

Approvals:

Process Plan: *MF*

Date: *12-01-24*

Tooling:

Date:

Run Start **\*NR1\***

QC:

Date:

SPC (Y/N):

Date:

Stop **\*NR2\***

Sequence ID/  
Work Center ID

Operation  
Description

Set Up/  
Run Hours

Tool ID

Tool #

Plan  
Code

Accept  
Qty

Reject  
Qty

Reject  
Number

Insp.  
Stamp

Draw Nbr

Revision Nbr

D2529

Rev E

100

0.00

**\*100\***

Purchasing

PURCHASING

Memo

0.00

Purchasing

Issue P/O: *15909* Possible Supplier: Acklands, P/N: PFS FW14S1

*12-01-24*  
*500*

110

0.00

**\*110\***

Packaging

Receive & Inspect for Damage & Mat'l Certs

Memo

0.00

Packaging

Ensure Material Release Note is attached

*44.1/25* *500*

120

0.00

**\*120\***

QC

QC6- Inspect dimensions to drawing

Memo

0.00

Quality Control

*8126125*

*AS P019*

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Work Order ID 79221

**\*79221\***

Page 2

Tuesday, January 24, 2012 8:51:15 AM

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Accept

**\*N900040100\***

Setup Start **\*NS1\***

Revision ID:

Item Name: Washer

Stop **\*NS2\***

Start Date: 1/24/2012 Start Qty: 100.00

**\*100\***

Cust Item ID:

Required Date: 1/25/2012 Req'd Qty: 100.00

**\*100\***

Customer:

Reference:

Approvals: Process Plan:

Date:

Tooling:

Date:

Run Start **\*NR1\***

QC:

Date:

SPC (Y/N):

Date:

Stop **\*NR2\***

Sequence ID/  
Work Center ID

Operation  
Description

Set Up/  
Run Hours

Tool ID Tool # Plan  
Code Accept Reject Reject Insp.  
Qty Qty Number Stamp

130

Identify as per dwg & Stock Location: 10

0.00

**\*130\***

Packaging

Memo

0.00

Packaging

12/1/25 500

140

QC21- Final Inspection - Work Order Release

0.00

**\*140\***

QC

Memo

0.00

Quality Control

12/1/25

UMF  
12-01-25

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Picklist Print

Tuesday, January 24, 2012 8:51:14 AM

Page 1

Work Order ID: 79221

Parent Item: D2529

Parent Item Name: Washer

Start Date: 1/24/2012

Required Date: 1/25/2012

Start Qty: 100.00

Required Qty: 100.00

Comments: IPP: C01.09.18Added purchasing infoCB  
IPP D 07.07.06 rev E dwg EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D2529P Washer		Purchased	No			100	Each	0.0000	1	100		1/24/12	500

**Dart Aerospace Ltd**

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

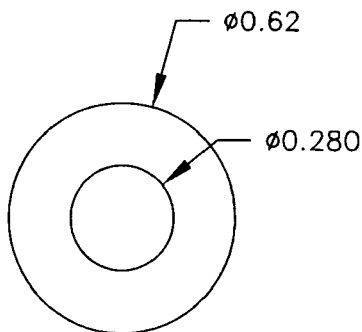
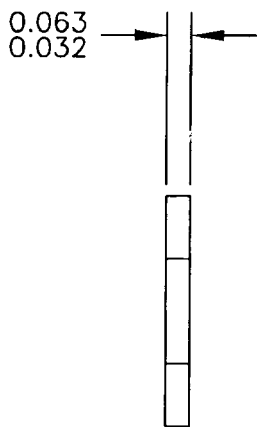
NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries



DESIGN <i>PH</i>	DRAWN BY <i>PH</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>[Signature]</i>	APPROVED <i>[Signature]</i>	DRAWING NO. D2529	REV. E SHEET 1 OF 1
DATE 07.04.17		TITLE WASHER	SCALE 2:1
A	95.12.22	NEW ISSUE	
B	96:08:28	ADD SS	
C	97:03:24	RE-DESIGN, CHANGE MATERIAL SPEC.	
D	97.10.14	CHANGE THICKNESS (TSR A144)	
E	07.04.17	UPDATE DRAWING NOTES	

RELEASED  
07.06.28 *[Signature]*



# 71221

**D2529 WASHER**

- 1) MATERIAL: AISI 303 OR AISI 304/316 STAINLESS STEEL  
(REF DART MATERIAL SPEC M303R OR M304R)
- 2) POSSIBLE SUPPLIER: ACKLANDS, P/N: PFS FW14S1
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES 0.005 TO 0.010 MAX

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# Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries





Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID PO15969

Purchase Order Date 1/24/2012

PO Print Date 1/24/2012

Page Number 1 of 1

Order From :

VC-ACK001

ACKLANDS - GRAINGER INC.  
P.O. BOX 2970  
WINNIPEG, MB R3C 4B5  
CA

Contact Name		Buyer	Brigitte Golden
Vendor Phone	613 632 2739	Requisition Nbr	
Vendor Fax	613 632 5386	Tax Resale Nbr	10127-2607
Vendor Account Nbr		Terms	Net 30
		Currency	CAD
		FOB	Destination-Collect

Ship To : DART AEROSPACE LTD 1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	D2529P	Washer	1/25/2012 Yes	500.00 Each	Yours ppd	\$0.0630	\$31.50

Special Inst: Acklands P/N PFS FW 14S1

As per DWG: D2529 Rev: E  
B79221

PO Total: \$31.50

Change Nbr: 1

Change Date: 1/24/2012

No substitution or deviation without  
consent.  
Certificate of Conformity or Material  
Certification required when applicable

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CUSTOMER COPY